

ITES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

DECEMBER 03, 1998

McINTOSH & DOCKERY Received

MCINTOSH & DOCKERY LLC DAVID F. DOCKERY 8000 E. PRENTINCE AVE., B-6 DEC 1 4 1998 ENGLEWOOD, CO 80111

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/24/1998

REEL/FRAME: 9399/0524 NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KODAS, TOIVO T.

DOC DATE: 05/20/1998

ASSIGNOR:

HAMPDEN-SMTITH, MARK J.

DOC DATE: 05/20/1998

ASSIGNOR:

CARUSO, JAMES

DOC DATE: 05/20/1998

ASSIGNOR:

SKAMSER, DANIEL J.

DOC DATE: 05/20/1998

ASSIGNOR:

POWELL, QUINT H.

DOC DATE: 05/20/1998

ASSIGNOR:

CHANDLER, CLIVE D.

DOC DATE: 05/20/1998 or_{an} in tympt €50. N€S. 9399/0524 PAGE 2

ASSIGNEE:

NANOCHEM RESEARCH LLC 3740 HAWKINS NE ALBUQUERQUE, NEW MEXICO 87109

SERIAL NUMBER: 09030051

PATENT NUMBER:

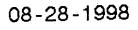
FILING DATE: 02/24/1998

ISSUE DATE:

TARA WASHINGTON, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

دې په لغو يوا د چې په لغو يوا

دوره اخرين





PATENT APPLICATION

1		IN	THE	UNITED STATES PA	ATENT A	ND TRAI)EMÄRK	OFFICE		
	In Re	the.	Appli	cation of:) Gro	oup Art	Unit:	1742	AUG 24	1.00
		Kodas	et a	1.) Exa	miner:		A comment	- maringine , and a successive state and the best section is their	
	Seria	l No.	: 09	/030,051)	RECORDA	TION C	F ASSIG	MENT	
	Filed	l: Feb	ruary	24, 1998)		CERT	IFICATE OF MA	ILING	
	Atty.	File	No.:	NAN-004-5)	DEPOSITED	WITH THE	AT THIS CORRE	POSTAL SERV	ICE AS
	For:	"COPP	ER PO	WDERS, METHODS ING POWDERS AND)	ASSISTANT	COMMISSIO	AN ENVELOPE NER OF PATENT DAY OF	S, WASHINGTO	N, DC, 19 <u>9</u> 8.
			ES FA	BRICATED FROM)		McIN	TOSH & DOCKER	T +	
į	BOX Z	ASSIGN	MENTS	3		BY:	Chan	Janelle Fast	Jase	·
	Assis for	stant Pate	Commi ents	essioner 2. 20231						
	Dear	Sir:								
		Pleas	se rec	ord the attached	origina	al docur	ments o	or copy t	hereof:	
		1.	Name	of conveying par	cty(ies):				
				Toivo T. Kodas Mark J. Hampden- James Caruso Daniel J. Skamse Quint H. Powell Clive D. Chandle	er					
		2.	Name	and address of	receivi	ng part	y(ies)	:		
				Nanochem Researd 3740 Hawkins NE Albuquerque, NM						
		3.	Natu	re of Conveyance	:					8

Merger

Change of Name

08/28/1998 TTBM11 00000022 09030051

Application number(s) or patent number(s) 4.

Assignment

Other:____

Security Agreement

Execution Date: May 20, 1998

[X]

If this document is being filed together with a new application, the execution date of the application is:

- A. Patent Application No.(s): 09/030,051
- B. Patent No.(s): None.
- 5. Name and address of party to whom correspondence concerning documents should be mailed:

David F. Dockery McIntosh & Dockery LLC 8000 E. Prentince Ave., B-6 Englewood, Colorado 80111

- 6. Total number of applications and patents involved:
 __1_.
- 7. Total fee (37 CFR 3.41).....\$40.00.
 - [X] Enclosed
 - [] Authorized to be charged to deposit account.
- 8. Deposit account number: 13-2496
- 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Total number of pages including cover sheet, attachments and document: $\underline{}$

Respectfully submitted,

McINTOSH & DOCKERY LLC

David F. Dockery

Registration No. 34,323

8000 E. Prentice Ave.,

Suite B-6

Englewood, CO 80111

(303) 689-9120

The state of the s

Date: August 20, 1998

ASSIGNMENT

WHEREAS, I, Clive D. Chandler of 10706 SW Capital Highway No. 44, Portland, OR 97219 together with Mark J. Hampden-Smith of 2901 Maximillian NW, Albuquerque, NM 87131, Toivo T. Kodas of 11102 San Rafael Dr. NE, Albuquerque, NM 87122, James Caruso of 7721 Cedar Canyon Ct. NE, Albuquerque, NM 87122, Quint H. Powell of 14336 Grand Avenue NE, Albuquerque, NM 87123 and Daniel J. Skamser of 10327 Hackamore Pl. SW, Albuquerque, NM 87121 have invented a certain new and useful invention entitled "COPPER POWDERS, METHODS FOR PRODUCING POWDERS AND DEVICES FABRICATED FROM SAME" for which an application for Letters Patent of the United States has been prepared and filed on February 24, 1998, receiving Serial No. 09/030,051, and further identified as Attorney File No. NAN-004-5.

NOW THEREFORE, be it known that I, the said inventor, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Nanochem Research LLC, New Mexico corporation having a place of business at 3740 Hawkins NE, Albuquerque, NM 87109, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; I also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; I warrant that I have made no assignment of the invention, application or patent therefor to a party other than Nanochem Research LLC and I am under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Nanochem Research LLC, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

Date: May 20 1918

Clive D. Chandler

STATE OF Oregon)) ss.
COUNTY OF WAShington)

Before me, a Notary Public in and for said County and State, personally appeared Clive D. Chandler, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 20 day of may, 1998.

(25A)	OFFICIAL SEAL
	LISA M. ROGERS
The state of	NOTARY PUBLIC - OREGON
	COMMISSION NO. 307817
MY CO	MMISSION EXPIRES DEC. 18, 2001

Notary Public

My Commission Expires: 12-18-2001



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

DECEMBER 03, 1998

MCINTOSH & DOCKERY LLC DAVID F. DOCKERY 8000 E. PRENTINCE AVE., B-6 ENGLEWOOD, COLORADO 80111

MCINTOSH & DOCKERY Received

DEC 1 4 1998

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/20/1998

متنصور فالوجا

REEL/FRAME: 9399/0711

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KODAS, TOIVO T.

DOC DATE: 03/30/1998

ASSIGNOR:

HAMPDEN-SMITH, MARK J.

DOC DATE: 03/30/1998

ASSIGNOR:

CARUSO, JAMES

DOC DATE: 03/30/1998

ASSIGNOR:

SKAMSER, DANIEL J.

DOC DATE: 03/30/1998

ASSIGNOR:

POWELL, OUINT H.

DOC DATE: 03/30/1998

ASSIGNOR:

CHANDLER, CLIVE D.

DOC DATE: 03/30/1998

9399/0711 PAGE 2

ASSIGNEE:

NANOCHEM RESEARCH LLC ALBUQUERQUE, NEW MEXICO 87109 3740 HAWKINS NE

SERIAL NUMBER: 09030051

PATENT NUMBER:

FILING DATE: 02/24/1998

ISSUE DATE:

MAURICE CARTER, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

المنظمة الأراكية المركزة المنظمية المنظمين المنظمين المنظمين المنظمين المنطقة المنطقة المنطقة المنطقة المنطقة ا

PATENT APPLICATION

100809488

		`.	10000			TO A DESCRIPTOR	1/	'n
IN	THE	UNITED	STATES	PATENT	AND	TRADEMARK	1	٤

In	Re	the	Appl	ication	of:
	F	Codas	s et	al.	

Serial No.: 09/030,051

Filed: February 24, 1998

Atty. File No.: NAN-004-5

For: "COPPER POWDERS, METHODS FOR PRODUCING POWDERS AND DEVICES FABRICATED FROM SAME"

BOX ASSIGNMENTS Assistant Commissioner for Patents Washington, D.C. 20231 Group Art Unit:

Examiner:

RECORDATION OF ASSIGNMENT

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO THE ASSISTANT COMMISSIONER OF PATENTS, WASHINGTON, DC. 20231 ON THIS DOWN DAY OF AUGUST, 1998.

McINTOSH & DOCKERY LLC

Dear Sir:

Please record the attached original documents or copy thereof:

Name of conveying party(ies): 1.

> Toivo T. Kodas Mark J. Hampden-Smith James Caruso Daniel J. Skamser Ouint H. Powell Clive D. Chandler

Name and address of receiving party(ies): 2.

> Nanochem Research LLC 3740 Hawkins NE Albuquerque, NM 87109

Nature of Conveyance: 3.

> [X] Assignment Security Agreement

Merger

Change of Name

Other:____

Execution Date: March 30, 1998

Application number(s) or patent number(s) 4.

18/28/1998 TTCH11 00000048 09030051

If this document is being filed together with a new application, the execution date of the application is:

- A. Patent Application No.(s): 09/030,051
- B. Patent No.(s): None.
- 5. Name and address of party to whom correspondence concerning documents should be mailed:

David F. Dockery McIntosh & Dockery LLC 8000 E. Prentince Ave., B-6 Englewood, Colorado 80111

- 6. Total number of applications and patents involved:
 __1__.
- 7. Total fee (37 CFR 3.41).....\$40.00.
 - [X] Enclosed
 - [] Authorized to be charged to deposit account.
- 8. Deposit account number: 13-2496
- 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Total number of pages including cover sheet, attachments and document: __4__

Respectfully submitted,

McINTOSH & DOCKERY LLC

By:

David F. Dockery

Registration No. 34,323

8000 E. Prentice Ave.,

Suite B-6

Englewood, CO 80111

(303) 689-9120

Date: August 20, 1998)

diameter to the state of the state of the state of

ASSIGNMENT

WHEREAS, I, Toivo T. Kodas of 11102 San Rafael Dr. NE, Albuquerque, NM 87122 together with Mark J. Hampden-Smith of 2901 Maximillian NW, Albuquerque, NM 87131, James Caruso of 7721 Cedar Canyon Ct. NE, Albuquerque, NM 87122, Quint H. Powell of 14336 Grand Avenue NE, Albuquerque, NM 87123, Daniel J. Skamser of 10327 Hackamore Pl. SW, Albuquerque, NM 87121 and Clive D. Chandler of 10706 SW Capital Highway No. 44, Portland, OR 97219 have invented a certain new and useful invention entitled "COPPER POWDERS, METHODS FOR PRODUCING POWDERS AND DEVICES FABRICATED FROM SAME" for which an application for Letters Patent of the United States has been prepared and filed on February 24, 1998, receiving Serial No. 09/030,051, and further identified as Attorney File No. NAN-004-5.

NOW THEREFORE, be it known that I, the said inventor, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Nanochem Research LLC, New Mexico corporation having a place of business at 3740 Hawkins NE, Albuquerque, NM 87109, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; I also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; I warrant that I have made no assignment of the invention, application or patent therefor to a party other than Nanochem Research LLC and I am under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Nanochem Research LLC, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

Date: $\frac{3/30/98}{}$

By

Toivo T. Kodas

STATE OF	New Merico)) ss.
COUNTY O	F Bernalillo)

Before me, a Notary Public in and for said County and State, personally appeared Toivo T. Kodas, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 30th day of Mauch, 19 98

Notary Public

My Commission Expires: Sept 1) #7, 200



ATES DEPARTMENT OF COMMERCE Patent and Trademark Office ASSISTANT SECRETARY AND COMMISSIONER

OF PATENTS AND TRADEMARKS Washington, D.C. 20231

DECEMBER 02, 1998

DAVID F. DOCKERY

ENGLEWOOD, CO 80111

MCINTOSH & DOCKERY LLC

8000 E. PRENTINCE AVE., B-6

MCHNTOSH & DOCKERY Received

DEC 1 4 1998

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS ANY ILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECURDATION NOTICE REFLECTS THE DATA PERSENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/20/1998

REEL/FRAME: 9397/0992

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KODAS, TOIVO T.

DOC DATE: 03/24/1998

ASSIGNOR:

HAMPDEN-SMITH, MARK J.

DOC DATE: 03/24/1998

ASSIGNOR:

CARUSO, JAMES

DOC DATE: 03/24/1998

ASSIGNOR:

SKAMSER, DANIEL J.

DOC DATE: 03/24/1998

ASSIGNOR:

POWELL, QUINT H.

DOC DATE: 03/24/1998

ASSIGNOR:

CHANDLER, CLIVE D.

DOC DATE: 03/24/1998

9397/0992 PAGE 2

ASSIGNEE:

NANOCHEM RESEARCH LLC 3740 HAWKINS NE ALBUQUERQUE, NEW MEXICO 87109

SERIAL NUMBER: 09030051

PATENT NUMBER:

FILING DATE: 02/24/1998

ISSUE DATE:

STEVEN POST, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

. . . .



100805325

PATENT APPLICATION

	The state of the s
IN THE UNITED STATES PA	TENT AND TRADEMARK OFFICE
In Re the Application of:) Group Art Unit: 1742) AUG 24 700
Kodas et al.) Examiner:
Serial No.: 09/030,051	RECORDATION OF ASSIGNMENT
Filed: February 24, 1998	CERTIFICATE OF MAILING
Atty. File No.: NAN-004-5) I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS
For: "COPPER POWDERS, METHODS FOR PRODUCING POWDERS AND DEVICES FABRICATED FROM SAME"	first class mail in an envelope addressed to the assistant commissioner of patents, washington, DC 20231 ON THIS 2010 DAY OF August, 1998. McINTOSH & DOCKERY LLC BY: Janelle Fast
BOX ASSIGNMENTS Assistant Commissioner for Patents Washington, D.C. 20231	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Dear Sir:	
Please record the attached	original documents or copy thereof:
1. Name of conveying par	ty(ies):
Toivo T. Kodas Mark J. Hampden-S James Caruso Daniel J. Skamses Quint H. Powell Clive D. Chandles	r
2. Name and address of r	eceiving party(ies):
Nanochem Researc 3740 Hawkins NE Albuquerque, NM	
3. Nature of Conveyance:	8
[X] Assignment [] Security Agreement [] Other:	[] Merger nt [] Change of Name 24, 1998
Execution Date: March	24, 1998
4 Application number(s)	or patent number(s)

08/28/1998 TTON11 01 FC:581

ASSIGNMENT

WHEREAS, I, Daniel J. Skamser of 10327 Hackamore Pl. SW, Albuquerque, NM 87121 together with Mark J. Hampden-Smith of 2901 Maximillian NW, Albuquerque, NM 87131, Toivo T. Kodas of 11102 San Rafael Dr. NE, Albuquerque, NM 87122, James Caruso of 7721 Cedar Canyon Ct. NE, Albuquerque, NM 87122, Quint H. Powell of 14336 Grand Avenue NE, Albuquerque, NM 87123 and Clive D. Chandler of 10706 SW Capital Highway No. 44, Portland, OR 97219 have invented a certain new and useful invention entitled "COPPER POWDERS, METHODS FOR PRODUCING POWDERS AND DEVICES FABRICATED FROM SAME" for which an application for Letters Patent of the United States has been prepared and filed on February 24, 1998, receiving Serial No. 09/030,051, and further identified as Attorney File No. NAN-004-5.

NOW THEREFORE, be it known that I, the said inventor, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Nanochem Research LLC, New Mexico corporation having a place of business at 3740 Hawkins NE, Albuquerque, NM 87109, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; I also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; I warrant that I have made no assignment of the invention, application or patent therefor to a party other than Nanochem Research LLC and I am under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Nanochem Research LLC, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

Date: 3/24/98

Bv

Daniel I Skamser

If this document is being filed together with a new application, the execution date of the application is:

- A. Patent Application No.(s): 09/030,051
- B. Patent No.(s): None.
- 5. Name and address of party to whom correspondence concerning documents should be mailed:

David F. Dockery McIntosh & Dockery LLC 8000 E. Prentince Ave., B-6 Englewood, Colorado 80111

- Total number of applications and patents involved:
 1.
- 7. Total fee (37 CFR 3.41)....\$40.00.
 - [X] Enclosed
 - [] Authorized to be charged to deposit account.
- 8. Deposit account number: 13-2496
- 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Total number of pages including cover sheet, attachments and document: $\underline{4}$

Respectfully submitted,

McINTOSH & DOCKERY LLC

Bv:

David F. Dockery

Registration No. 34,323 8000 E. Prentice Ave.,

Suite B-6

Englewood, CO 80111

in the control of the control of the second of the control of the

(303) 689-9120

Date: August 20, 1998

ASSIGNMENT

WHEREAS, I, Daniel J. Skamser of 10327 Hackamore Pl. SW, Albuquerque, NM 87121 together with Mark J. Hampden-Smith of 2901 Maximillian NW, Albuquerque, NM 87131, Toivo T. Kodas of 11102 San Rafael Dr. NE, Albuquerque, NM 87122, James Caruso of 7721 Cedar Canyon Ct. NE, Albuquerque, NM 87122, Quint H. Powell of 14336 Grand Avenue NE, Albuquerque, NM 87123 and Clive D. Chandler of 10706 SW Capital Highway No. 44, Portland, OR 97219 have invented a certain new and useful invention entitled "COPPER POWDERS, METHODS FOR PRODUCING POWDERS AND DEVICES FABRICATED FROM SAME" for which an application for Letters Patent of the United States has been prepared and filed on February 24, 1998, receiving Serial No. 09/030,051, and further identified as Attorney File No. NAN-004-5.

NOW THEREFORE, be it known that I, the said inventor, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Nanochem Research LLC, New Mexico corporation having a place of business at 3740 Hawkins NE, Albuquerque, NM 87109, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; I also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; I warrant that I have made no assignment of the invention, application or patent therefor to a party other than Nanochem Research LLC and I am under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Nanochem Research LLC, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

Date: 3/24/98

Bv:

Daniel J. Skamser

STATE OF New Mexico)
COUNTY OF Bernalillo)

Before me, a Notary Public in and for said County and State, personally appeared Daniel J. Skamser, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 24th day of March, 1998.

Notary Public

My Commission Expires: Sept. 11, 8001



UNITED TATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

DECEMBER 03, 1998

MCINTOSH & DOCKERY LLC DAVID F. DOCKERY 8000 E. PRENTINCE AVE., B-6 ENGLEWOOD, COLORADO 80111

MCFNTOSH & DOCKERY Received *1008094953*

DEC 1 4 1998

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/20/1998

REEL/FRAME: 9399/0853

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KODAS, TOIVO T.

DOC DATE: 03/24/1998

ASSIGNOR:

HAMPDEN-SMITH, MARK J.

DOC DATE: 03/24/1998 (

ASSIGNOR:

CARUSO, JAMES

DOC DATE: 03/24/1998

ASSIGNOR:

SKAMSER, DANIEL J.

DOC DATE: 03/24/1998

ASSIGNOR:

POWELL, QUINT H.

DOC DATE: 03/24/1998

ASSIGNOR: COMMON ASSIGN

CHANDLER, CLIVE D.

a same on a

DOC DATE: 03/24/1998

THE STATE OF THE S

PUTTING OF THE THEORY OF THE TOTAL STATE OF THE TOT

9399/0853 PAGE 2

ASSIGNEE:

NANOCHEM RESEARCH LLC 3740 HAWKINS NE ALBUQUERQUE, NEW MEXICO 87109

SERIAL NUMBER: 09030051

PATENT NUMBER:

FILING DATE: 02/24/1998

والاقطاعة الاسطاق موقوم فيوضف بالمواجو والمرفود الأحمل وتداسيا

ISSUE DATE:

ANTIONE ROYALL, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

PATENT APPLICATION

1008094	195							
IN THE UNITED STATES PA	TENT AND TRADEMARK OFFICE							
In Re the Application of:	Group Art Unit: 1742							
Kodas et al.	Examiner:							
Serial No.: 09/030,051	RECORDATION OF ASSIGNMENT							
Filed: February 24, 1998	CERTIFICATE OF MAILING							
Atty. File No.: NAN-004-5	I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS							
For: "COPPER POWDERS, METHODS FOR PRODUCING POWDERS AND DEVICES FABRICATED FROM SAME"	FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO THE ASSISTANT COMMISSIONER OF PATENTS, WASHINGTON, DC 20231 ON THIS 20 DAY OF 19 K. McINTOSH & DOCKERY LLC BY: Janelle Fast							
BOX ASSIGNMENTS Assistant Commissioner	v variette rast							
for Patents Washington, D.C. 20231								
Dear Sir:								
Please record the attached (Please record the attached original documents or copy thereof:							
1. Name of conveying part	ty(ies):							

Toivo T. Kodas Mark J. Hampden-Smith James Caruso Daniel J. Skamser Quint H. Powell Clive D. Chandler

Name and address of receiving party(ies): 2.

> Nanochem Research LLC 3740 Hawkins NE Albuquerque, NM 87109

Nature of Conveyance: 3.

[]	Assignment Security Agreement		Merger Change	Name
г 1	Other			

Execution Date: March 24, 1998

Application number(s) or patent number(s) 4.

08/28/1998 TTCM11 00000061 09030051

If this document is being filed together with a new application, the execution date of the application is:

- A. Patent Application No.(s): 09/030,051
- B. Patent No.(s): None.
- 5. Name and address of party to whom correspondence concerning documents should be mailed:

David F. Dockery McIntosh & Dockery LLC 8000 E. Prentince Ave., B-6 Englewood, Colorado 80111

- 6. Total number of applications and patents involved:
- 7. Total fee (37 CFR 3.41).....\$40.00.
 - [X] Enclosed
 - [] Authorized to be charged to deposit account.
- 8. Deposit account number: 13-2496
- 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Total number of pages including cover sheet, attachments and document: $\underline{}$

Respectfully submitted,

McINTOSH & DOCKERY LLC

By:__

David F. Dockery

Registration No. 34,323 8000 E. Prentice Ave.,

Suite B-6

Englewood, CO 80111

(303) 689-9120

Date: August 20, 1998

erage of the contract of the second of the second

ASSIGNMENT

WHEREAS, I, Quint H. Powell of 14336 Grand Avenue NE, Albuquerque, NM 87123 together with Mark J. Hampden-Smith of 2901 Maximillian NW, Albuquerque, NM 87131, Toivo T. Kodas of 11102 San Rafael Dr. NE, Albuquerque, NM 87122, James Caruso of 7721 Cedar Canyon Ct. NE, Albuquerque, NM 87122, Daniel J. Skamser of 10327 Hackamore Pl. SW, Albuquerque, NM 87121 and Clive D. Chandler of 10706 SW Capital Highway No. 44, Portland, OR 97219 have invented a certain new and useful invention entitled "COPPER POWDERS, METHODS FOR PRODUCING POWDERS AND DEVICES FABRICATED FROM SAME" for which an application for Letters Patent of the United States has been prepared and filed on February 24, 1998, receiving Serial No. 09/030,051, and further identified as Attorney File No. NAN-004-5.

NOW THEREFORE, be it known that I, the said inventor, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Nanochem Research LLC, New Mexico corporation having a place of business at 3740 Hawkins NE, Albuquerque, NM 87109, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; I also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; I warrant that I have made no assignment of the invention, application or patent therefor to a party other than Nanochem Research LLC and I am under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Nanochem Research LLC, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

Date: 3-24-98

Duint H. Powell

STATE OF NOW MEXICO) ss. COUNTY OF BERNALILLE)

Before me, a Notary Public in and for said County and State, personally appeared Quint H. Powell, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 24 day of Mauch, 1998.

Notary Public

My Commission Expires: September 11th 800



UNITED TATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS

McINTOSH & DOCKERY, D.C. 20231
Received

DECEMBER 03, 1998

MCINTOSH & DOCKERY LLC DAVID F. DOCKERY 8000 E. PRENTINCE AVE., B-6 ENGLEWOOD, COLORADO 80111 DEC 1 4 1998

· CALL OF MANAGEMENT AND A STATE OF THE STAT



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/25/1998

REEL/FRAME: 9399/0504

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KODAS, TOIVO T.

DOC DATE: 03/25/1998

ASSIGNOR:

HAMPDEN-SMITH, MARK J.

DOC DATE: 03/25/1998

ASSIGNOR:

CARUSO, JAMES

DOC DATE: 03/25/1998

ASSIGNOR:

SKAMSER, DANIEL J.

DOC DATE: 03/25/1998

ASSIGNOR:

POWELL, QUINT H.

DOC DATE: 03/25/1998

ASSIGNOR:

CHANDLER, CLIVE D.

DOC DATE: 03/25/1998

9399/0504 PAGE 2

ASSIGNEE:

NANOCHEM RESEARCH LLC 3740 HAWKINS NE ALBUQUERQUE, NEW MEXICO 87109

SERIAL NUMBER: 09030051

PATENT NUMBER:

FILING DATE: 02/24/1998

ISSUE DATE:

TARA WASHINGTON, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS



IRD	8-	347	7 D	UNITED STATES PA		AND TRAI	DEMARK O	FFICE	TEIL!	
	In Re	the	Appli	cation of:) Gr	oup Art	Unit:	742 AU	G 24 "	
		Kodas	et a	1.) Exa	aminer:	A many or and a many or a many or and a many or a many o			16
	Seria	al No.	: 09	/030,051)	RECORDA	TION OF	ASSIGN	<u>IMENT</u>	
	Filed	l: Feb	ruary	24, 1998)		CERTIFI	CATE OF MA	ILING	
	Atty.	. File	No.:	NAN-004-5)		CERTIFY THAT WITH THE UNI			
	For:	FOR P	RODUC ES FA	WDERS, METHODS ING POWDERS AND BRICATED FROM))))	FIRST CLA	SS MAIL IN AN COMMISSIONER THIS 20 D	OF PATENTS	ADDRESSED T S, WASHINGT LOUSE.	TO THE
	Assis for	r Pate	Commi	S Ssioner C. 20231			\ Jan	elle Fast		
	Dear	Sir:								
		Pleas	se rec	ord the attached o	origin	al docum	ments or	copy t	hereof	:
		1.		of conveying par						
				Toivo T. Kodas Mark J. Hampden- James Caruso Daniel J. Skamse Quint H. Powell Clive D. Chandle	r					
		2.	Name	and address of r	eceivi	ng part	y(ies):			
				Nanochem Researc 3740 Hawkins NE Albuquerque, NM	h LLC 87109					
		3.	Natu	re of Conveyance:					8	
			[X] [] []	Assignment Security Agreeme Other:	nt 	[]	Merger Change	of Nam	£ 09030051 40.00 0P	÷
			Exec	ution Date: March	. 25, 1	.998			200000	
		4.	Appl	ication number(s)	or pa	tent nu	umber(s)		-	

08/28/1998 TTCH11 06 01 FC:581

If this document is being filed together with a new application, the execution date of the application is:

- A. Patent Application No.(s): 09/030,051
- B. Patent No.(s): None.
- 5. Name and address of party to whom correspondence concerning documents should be mailed:

David F. Dockery McIntosh & Dockery LLC 8000 E. Prentince Ave., B-6 Englewood, Colorado 80111

- 6. Total number of applications and patents involved: $\frac{1}{}$.
- 7. Total fee (37 CFR 3.41).....\$40.00.
 - [X] Enclosed

F . W

- [] Authorized to be charged to deposit account.
- 8. Deposit account number: 13-2496
- 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Total number of pages including cover sheet, attachments and document: $\underline{4}$

Respectfully submitted,

McINTOSH & DOCKERY LLC

Bv:

David F. Dockery

Registration No. 34,323 8000 E. Prentice Ave.,

Suite B-6

Englewood, CO 80111

(303) 689-9120

Date: August 20, 1998

ASSIGNMENT

WHEREAS, I, James Caruso of 7721 Cedar Canyon Ct. NE, Albuquerque, NM 87122 together with Mark J. Hampden-Smith of 2901 Maximillian NW, Albuquerque, NM 87131, Toivo T. Kodas of 11102 San Rafael Dr. NE, Albuquerque, NM 87122, Quint H. Powell of 14336 Grand Avenue NE, Albuquerque, NM 87123, Daniel J. Skamser of 10327 Hackamore Pl. SW, Albuquerque, NM 87121 and Clive D. Chandler of 10706 SW Capital Highway No. 44, Portland, OR 97219 have invented a certain new and useful invention entitled "COPPER POWDERS, METHODS FOR PRODUCING POWDERS AND DEVICES FABRICATED FROM SAME" for which an application for Letters Patent of the United States has been prepared and filed on February 24, 1998, receiving Serial No. 09/030,051, and further identified as Attorney File No. NAN-004-5.

NOW THEREFORE, be it known that I, the said inventor, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Nanochem Research LLC, New Mexico corporation having a place of business at 3740 Hawkins NE, Albuquerque, NM 87109, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; I also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; I warrant that I have made no assignment of the invention, application or patent therefor to a party other than Nanochem Research LLC and I am under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Nanochem Research LLC, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

Date: 3

By:

ames Caruso

STATE OF New Mexico)

COUNTY OF BEENalille)

Before me, a Notary Public in and for said County and State, personally appeared James Caruso, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this <u>35</u>th day of <u>March</u>, 19<u>98</u>.

Totary Public

My Commission Expires: Sept 11, 2001



UNITED ATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS

McNTOSH & DOOKERY.C. 20231 Received

DECEMBER 03, 1998

MCINTOSH & DOCKERY LLC DAVID F. DOCKERY 8000 E. PRENTINCE AVE., B-6 ENGLEWOOD, COLORADO 80111 PTAS

DEC 1 4 1998



AL

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/20/1998

REEL/FRAME: 9399/0476

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KODAS, TOIVO T.

DOC DATE: 03/27/1998

ASSIGNOR:

HAMPDEN-SMITH, MARK J.

DOC DATE: 03/27/1998

ASSIGNOR:

CARUSO, JAMES

DOC DATE: 03/27/1998

ASSIGNOR:

SKAMSER, DANIEL J.

DOC DATE: 03/27/1998

ASSIGNOR:

POWELL, QUINT H.

and the second second

DOC DATE: 03/27/1998

ASSIGNOR:

CHANDLER, CLIVE D.

DOC DATE: 03/27/1998

9399/0476 PAGE 2

ASSIGNEE:

NANOCHEM RESEARCH LLC 3740 HAWKINS NE ALBUQUERQUE, NEW MEXICO 87109

SERIAL NUMBER: 09030051

PATENT NUMBER:

FILING DATE: 02/24/1998

ISSUE DATE:

on the control of the

ANTIONE ROYALL, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS



100809570 HITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

IN THE UNITED STRIES I	
In Re the Application of:) Group Art Unit: 1742
Kodas et al.) Examiner: AUG 2 4 7998
Serial No.: 09/030,051) RECORDATION OF ASSIGNMENT
Filed: February 24, 1998	CERTIFICATE OF MAILING
Atty. File No.: NAN-004-5) I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING) DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS
For: "COPPER POWDERS, METHODS FOR PRODUCING POWDERS AND DEVICES FABRICATED FROM SAME"	first class mail in an envelope addressed to the assistant commissioner of patents, washington, dc
BOX ASSIGNMENTS Assistant Commissioner for Patents Washington, D.C. 20231	V sallette rast
Dear Sir:	
Please record the attached	original documents or copy thereof:
 Name of conveying pa 	rty(ies):
Toivo T. Kodas Mark J. Hampden James Caruso Daniel J. Skams Quint H. Powell Clive D. Chandl	er
2. Name and address of	receiving party(ies):
Nanochem Resear 3740 Hawkins NE Albuquerque, NM	
3. Nature of Conveyance	:: <u>8</u>
<pre>[X] Assignment [] Security Agreem [] Other:</pre>	
Execution Date: Marc	h 27, 1998
4. Application number(s	or patent number(s)

If this document is being filed together with a new application, the execution date of the application is:

- A. Patent Application No.(s): 09/030,051
- B. Patent No.(s): None.
- 5. Name and address of party to whom correspondence concerning documents should be mailed:

David F. Dockery McIntosh & Dockery LLC 8000 E. Prentince Ave., B-6 Englewood, Colorado 80111

- 6. Total number of applications and patents involved:
 __1.
- 7. Total fee (37 CFR 3.41).....\$40.00.
 - [X] Enclosed
 - [] Authorized to be charged to deposit account.
- 8. Deposit account number: 13-2496
- 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Total number of pages including cover sheet, attachments and document: $\underline{}$

Respectfully submitted,

McINTOSH & DOCKERY LLC

Bv:

David F. Dockery

Registration No. 34,323 8000 E. Prentice Ave.,

Suite B-6

Englewood, CO 80111

(303) 689-9120

Date: August 20, 1998

Degree of the second data to the profession of the control of the Manager Control of the Control

ASSIGNMENT

WHEREAS, I, Mark J. Hampden-Smith of 2901 Maximillian NW, Albuquerque, NM 87131 together with Toivo T. Kodas of 11102 San Rafael Dr. NE, Albuquerque, NM 87122, James Caruso of 7721 Cedar Canyon Ct. NE, Albuquerque, NM 87122, Quint H. Powell of 14336 Grand Avenue NE, Albuquerque, NM 87123, Daniel J. Skamser of 10327 Hackamore Pl. SW, Albuquerque, NM 87121 and Clive D. Chandler of 10706 SW Capital Highway No. 44, Portland, OR 97219 have invented a certain new and useful invention entitled "COPPER POWDERS, METHODS FOR PRODUCING POWDERS AND DEVICES FABRICATED FROM SAME" for which an application for Letters Patent of the United States has been prepared and filed on February 24, 1998, receiving Serial No. 09/030,051, and further identified as Attorney File No. NAN-004-5.

NOW THEREFORE, be it known that I, the said inventor, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Nanochem Research LLC, New Mexico corporation having a place of business at 3740 Hawkins NE, Albuquerque, NM 87109, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; I also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; I warrant that I have made no assignment of the invention, application or patent therefor to a party other than Nanochem Research LLC and I am under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Nanochem Research LLC, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

Date: 3-27-98

By: Mark J. Hampden-Smith

STATE OF NEW HEXICO)
COUNTY OF Exchille) ss.)

Before me, a Notary Public in and for said County and State, personally appeared Mark J. Hampden-Smith, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 27th day of Manch, 19 Qs.

Votary Public

My Commission Expires: